

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
 Data File : VY005151.D
 Acq On : 17 Jun 2021 13:03
 Operator : SY/MD
 Sample : VY0617SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0617SBS01

Manual Integrations
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 6/18/2021 2:22:39 PM

Quant Time: Jun 18 03:00:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:40:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	213372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	337377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	299533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	99425	48.192	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.380%
35) Dibromofluoromethane	7.722	113	86280	58.462	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.920%
50) Toluene-d8	10.185	98	338973	47.161	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.320%
62) 4-Bromofluorobenzene	12.483	95	113222	46.838	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	44354	18.815	ug/l	95
3) Chloromethane	2.119	50	50060	20.594	ug/l	98
4) Vinyl Chloride	2.259	62	45282	19.404	ug/l	98
5) Bromomethane	2.650	94	24848	18.657	ug/l	98
6) Chloroethane	2.796	64	25376	19.131	ug/l	96
7) Trichlorofluoromethane	3.131	101	75432	19.338	ug/l	99
8) Diethyl Ether	3.534	74	25811	20.352	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	43130	20.424	ug/l	98
10) Methyl Iodide	4.101	142	48255	20.331	ug/l	98
11) Tert butyl alcohol	4.972	59	21196	99.211	ug/l	98
12) 1,1-Dichloroethene	3.881	96	43330	20.944	ug/l	95
13) Acrolein	3.735	56	20981	104.449	ug/l	98
14) Allyl chloride	4.485	41	62444	21.658	ug/l	96
15) Acrylonitrile	5.173	53	61945	108.844	ug/l	99
16) Acetone	3.960	43	45586	108.636	ug/l	100
17) Carbon Disulfide	4.198	76	129875	21.071	ug/l	99
18) Methyl Acetate	4.491	43	28103	22.818	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	118010	20.864	ug/l	99
20) Methylene Chloride	4.728	84	58926	21.742	ug/l	92
21) trans-1,2-Dichloroethene	5.228	96	46126	20.685	ug/l	95
22) Diisopropyl ether	6.131	45	128101	21.954	ug/l	97
23) Vinyl Acetate	6.076	43	424460	110.277	ug/l	99
24) 1,1-Dichloroethane	6.027	63	77045	20.979	ug/l	98
25) 2-Butanone	7.002	43	70454	110.367	ug/l	94
26) 2,2-Dichloropropane	6.984	77	70215	19.994	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	50198	20.755	ug/l	98
28) Bromochloromethane	7.344	49	30921	22.436	ug/l	94
29) Tetrahydrofuran	7.356	42	48389	111.601	ug/l	98
30) Chloroform	7.515	83	79280	20.225	ug/l	97
31) Cyclohexane	7.789	56	72509	20.662	ug/l #	90
32) 1,1,1-Trichloroethane	7.710	97	73491	19.448	ug/l	97
36) 1,1-Dichloropropene	7.923	75	60980	19.738	ug/l	99
37) Ethyl Acetate	7.088	43	33550	21.310	ug/l	98
38) Carbon Tetrachloride	7.905	117	61980	18.895	ug/l	98
39) Methylcyclohexane	9.185	83	77270	20.178	ug/l	99
40) Benzene	8.167	78	175780	19.975	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	15021m	17.266	ug/l	
42) 1,2-Dichloroethane	8.246	62	55426	20.202	ug/l	100
43) Isopropyl Acetate	8.283	43	61584	21.347	ug/l	99
44) Trichloroethene	8.947	130	51501	19.935	ug/l	93
45) 1,2-Dichloropropane	9.222	63	41760	20.733	ug/l	98
46) Dibromomethane	9.313	93	25401	20.229	ug/l	99
47) Bromodichloromethane	9.502	83	60838	20.118	ug/l	93
48) Methyl methacrylate	9.301	41	26651	20.633	ug/l	98
49) 1,4-Dioxane	9.307	88	6655	410.379	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	157131	106.511	ug/l	99
52) Toluene	10.246	92	111361	19.886	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	65089	20.122	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	72822	20.339	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	35283	20.229	ug/l	98
56) Ethyl methacrylate	10.514	69	48267	20.483	ug/l	99
57) 1,3-Dichloropropane	10.794	76	59658	20.232	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	115632	111.678	ug/l	99
59) 2-Hexanone	10.837	43	106720	104.603	ug/l	100
60) Dibromochloromethane	10.990	129	42698	19.705	ug/l	98
61) 1,2-Dibromoethane	11.093	107	33959	19.940	ug/l	100
64) Tetrachloroethene	10.721	164	53784	20.124	ug/l	98
65) Chlorobenzene	11.520	112	118389	20.033	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	43426	19.817	ug/l	100
67) Ethyl Benzene	11.599	91	207935	19.899	ug/l	98
68) m/p-Xylenes	11.709	106	163257	39.743	ug/l	99
69) o-Xylene	12.032	106	77788	20.135	ug/l	99
70) Styrene	12.044	104	131419	20.103	ug/l	99
71) Bromoform	12.215	173	26748	19.925	ug/l #	100
73) Isopropylbenzene	12.331	105	204675	20.003	ug/l	98
74) N-amyl acetate	12.148	43	50784	21.341	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	37465	21.085	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	29004m	22.140	ug/l	
77) Bromobenzene	12.611	156	48352	19.862	ug/l	97
78) n-propylbenzene	12.672	91	244582	19.998	ug/l	99
79) 2-Chlorotoluene	12.758	91	136990	20.034	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	175405	20.073	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	14388	20.489	ug/l	95
82) 4-Chlorotoluene	12.855	91	141250	19.982	ug/l	100
83) tert-Butylbenzene	13.081	119	152439	19.934	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	172998	20.039	ug/l	99
85) sec-Butylbenzene	13.257	105	220075	19.978	ug/l	99
86) p-Isopropyltoluene	13.373	119	186704	19.753	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	94574	19.900	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	93826	19.747	ug/l	98
89) n-Butylbenzene	13.702	91	170218	19.786	ug/l	99
90) Hexachloroethane	13.965	117	29750	19.311	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	84827	19.846	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7100	20.057	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	53537	19.517	ug/l	99
94) Hexachlorobutadiene	15.117	225	30440	19.203	ug/l	100
95) Naphthalene	15.239	128	114617	19.848	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	48255	19.639	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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